

MATTEL ELECTRONICS
ENGINEERING DECISION MEMO: MTL-991-F

INSTRUCTIONS:

1. PRINT OR TYPE ONLY. PRINT TO BE AT LEAST 5/32"
2. USE ONE EDM NUMBER PER EACH DRAWING REVISED.

EDM NUMBER

1149-269

MTL-991-F

NEW DRAWING LETTER

FINAL PACKOUT POINT (PLANT)

DOME'S TIC

PART/ASSEMBLY NUMBER

SEE BELOW

EXISTING DWG LTR

R

REASON FOR EDM: (SPECIFY ONE OR MORE)

- TRANS TEST IMPROVEMENT DESIGN IMPROVEMENT
- FUNCTION
- APPEARANCE
- DURABILITY
- NEW PART - ADD TO FINAL RELEASE PIP
- NEW PART - ORIGINAL FINAL RELEASE
- INFORMATION ONLY
- MANUFACTURING
- MATERIAL/SAMPLING
- OTHER: (BE SPECIFIC)

COMMENTS:

FOR FUTURE PROCUREMENT

1149-9809 REPLACES

1149-9809 REV F

DOCUMENT CONTROL

REV R PARTS LIST IS

STILL ACTIVE, DO NOT

DESTROY!

DISPOSITION OF MATERIAL:

NO EFFECT

ESTIMATED COST \$ _____

INCREASE

NO EFFECT

DECREASE

ESTIMATED AMT \$ _____

INITIATOR/DATE

PROJECT ENGR/DATE

FOR ENGINEERING DOCUMENTATION ONLY

John H Lishman 6/17/81

DATE REC'D	DATE ISSUED
JUN 25 1981	JUN 25 1981

CODE

1

1149-9809 PARTS LIST

SPECIAL DISTRIBUTION

DEPT.	NAME	M.S.	PLT.	COPIES
ELEC	BUS CONELL	126	1	1
ELEC	ALAN NASH	126	1	1
ELEC	JOHN LISHMAN	126	1	1
ELEC	CHUCK RUDD	126	1	1
ELEC	DAVE CHANDLER	126	1	1
ELEC	C MCALLISTER	126	1	1
ELEC	RICHARD BAILEY	126	1	1
ELEC	THOMAS MARTINE	126	1	1

TOOL COST:

NO EFFECT

COMPLETED BY TOOL ENGINEER OR PURCHASING AGENT.

ESTIMATED COST ECO TCO S & A

ESTIMATED BY:

1

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TOY NO. 1149-991 (S) (1980) TOY NAME

KEYBOARD COMPONENT (1980)
SYSTEM LEVEL PARTS LIST

CHG. L/T.	PART NUMBER	DWG. SIZE	NUMBER REQUIRED NEXT ASSEMBLY						NAME	DESCRIPTION	UNIT OF MEAS.	SOURCE	PR CL	
			1	2	3	4	5	6						
	1149-9991	-	1						-	KEYBOARD COMPONENT (1)	ea	ea	3	
										HOUSING ASSEMBLY -				
	1149-9199	-	1						-	UPPER	ea	ea	3	
	1149-6119	-	1						-	Housing - Upper with inlay	ea	ea	3	
S	1149-2119	E	1	1	1	1	1	1	1	housing - upper	A.B.S.	REV P	ea	3
S	1149-4399	B							1	inlay	aluminum	ea	ea	3
S	1149-0880	B							1	label, caution	pr. paper	ea	ea	3
r	1149-9129	D		1	1	1	1	1	1	TAPE DECK ASSEMBLY	REV B	ea	3	
S	1149-2129	D			1	1	1	1	1	Cover, Tape Cassette Drive Assembly	REV D	ea	3	
S	1149-4129					1	1	1	1	Alignment Post	Supplied with 1149-4129	ea	ea	3
S	1149-4279	B				1								
S	1149-9169	C				1	1	1	1	Sensor Assembly, ECT	Supplied with 1149-9169	ea	ea	3
S	1149-2059						1		1	Sensor Housing	Supplied with 1149-9169	ea	ea	3
S	1149-4029	C				1	1	1	1	Protective Cover	aluminum, 0.040	REV PR	ea	3
										REVISION		APD	DATE	
	1149-025									INITIAL RELEASE of - 9991		Jhl	11/2/79	
	1149-262	r								reissued with electronic subassembly assigned their own parts lists; 1149-9129 was REV "A"				
	1149-269	s								1149-2119 was Rev M; added Rev D to 1149-2129; added Rev D to 1149-4029	JUN 25 1981			

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1149-9991 (R) (1980) TOY NAME

KEYBOARD COMPONENT
SYSTEM LEVEL PARTS LIST (1981)

QTY	PART NUMBER	QUANTITY	NUMBER REQUIRED NEXT ASSEMBLY						NAME	DESCRIPTION	UNIT OF MEAS.	SOURCE	PR CL	
			1	2	3	4	5	6						
	1149-4209	C			1				1	Cassette Spring	1049 Spring steel, 0.012	REV A	ea	3
	1149-4339	C			1				1	HF Shield, Pre Amp	Steel	REV PR	ea	3
S	1149-4479	B			1		1		1	Bracket-R.H.	Steel	REV D	ea	3
S	1149-4469	B			1		1		1	Bracket-L.H.	Steel	REV C	ea	3
	0405-0334				6		6		6	Screw, 6-20 x 1/4	Steel, self-tapping, slotted, pan head, zinc plated. (protective cover & bracket to cassette)	TT40N T18S	ea	1
	0405-0625	A			4		4		4	Screw, 2.6mm x 3.0mm	Steel, phillips, flathead, nickel plated (tape cover to cassette)	ALPHABET	ea	1
	0405-0964				2		2		2	Screw, 6-20 x 1/2	Steel, self tapping, slotted, pan head, zinc plated (Pre Amp Assy to cassette)	FIT-221-3/16	ea	1
	0405-0974				2		2		2	Spacer	Nylon, $\frac{1}{4}$ " thick, ID=0.140", OD=0.250"	ea	1	
R	0405-0784				3		3		3	Cable Tie, 3 in.	Nylon			
	0089-0817				1		1		1	Tubing, Shrink	ID= 3/16", L=3/8", Polyolefin			
S	1149-2159	D			1		1		1	Strain Relief Bar	Delrin	REV PR	ea	3
	NUMBER	LTH. CHG.	REVISION									APD	DATE	
	1149-025		INITIAL RELEASE of-9991									JHL	1-1-2-79	
	1149-262	R	reissued with electronic subassemblies assigned their own parts lists; 0405-0784 toy total was 6										JUN 25 1991	
	1149-269	S	added Rev D to 1149-4479; added Rev C to 1149-4469; added Rev PR to 1149-2159											

CONFIDENTIAL 149-9991 (B)

KEYBOARD COMPONENT SYSTEM LEVEL PARTS LIST (1981)

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L 11149-9991 (R) (1980) TOY NAME

KEYBOARD COMPONENT

(1980) TOY NAME _____ SYSTEM LEVEL PARTS LIST (1981)

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T8Y NO 1149-9991 (R) (1980)

KEYBOARD COMPONENT SYSTEM LEVEL PARTS

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TOY NO. 1149-9991 (R) (1980)

KEYBOARD COMPONENT

TOY NAME

SYSTEM LEVEL PARTS LIST (1981)

CH	PART NUMBER	QUAN- TITY	NUMBER REQUIRED NEXT ASSEMBLY						PART		DESCRIPTION	UNIT OF MEAS.	PR CL		
			1	2	3	4	5	6	NAME	REV	PR				
	0405-0314			4				4	Screw, 10-16 x 3/8			Steel, phillips, pan head, black oxide, HI-L0 (XFMR Brackets to Lower Housing)	ea	1	
	0405-0284			2				2	Screw, 8-18 x 5/8			Steel, phillips, pan head, black oxide, HI-L0 (XFMR Receptacle to Lower Housing)	ea	1	
	0405-0284			14				14	Screw, 8-18 x 5/8			Steel, phillips (TCA, COM II Assy to Lower Housing)	ea	1	
	0405-0294			3				3	Screw, 8-18 x 5/16			Steel, phillips (SPS Assy to Lower Housing)	ea	1	
									COMPUTER III ASSEMBLY						
r	1149-7809	D		1		1						REV PR	ea	3	
									TAPE CONTROL ASSEMBLY						
s	1149-9409	D		1		1		1				REV PR	ea	3	
									SWITCHING POWER SUPPLY ASSEMBLY						
r	1149-9219	D		1		1		1				REV K	ea	3	
s	1149-0230	D		1		1		1	Insulator, TCA			(Inserted under Tape Control Assy)	REV A	ea	3
	0405-0284							9	Screw, 8-18 x 5/8			Steel, phillips, pan head, black oxide, HI-L0 (Upper housing to lower housing)	ea	1	
									REVISION						
	1149-025								LTH. CHG.			APD	DATE		
	1149-262								INITIAL RELEASE	of -9991		jhl	11/27/79		

r Reissued; Computer II Assy, Tape Control Assy, Switching Power Supply Assy: itemized component parts lists moved to newly issued parts lists 1149-9809, 1149-9609, 1149-9219 respectively
s 1149-7809 supersedes 1149-9809 for future production; added REV A to 1149-0230, 1149-9409
s 1149-262 supersedes 1149-9609 for future production.

CONFIDENTIAL
TOY NO. 114

**KEYBOARD COMPONENT
SYSTEM LEVEL PARTS LIST (1981)**

NUMBER	LTH. CHG.	INITIAL RE ISSUED
77149-025	r	Reissued
77149-262		
77149-269	s	no change

REVISION

APD DATE
11/27/91